

REASON

- **To prepare different types of gunnery and force-on-force exercises, you must know how to operate the TDRS setup program.**

TRAINING OBJECTIVE

- **In a classroom environment, given a TDRS computer unit and TM 9-6920-711-12&P, you will perform the following:**
 - **Operate AAR setup program controls and indicators.**
 - **Set up a panel gunnery (table gunnery) exercise.**
 - **Set up a force-on-force (combat) exercise.**
 - **Set up a scaled gunnery exercise.**
 - **Set up a tracking training exercise.**

SETUP MAIN MENU

AAR - [PGS LAV v1.1]

File Setup Window Help

Setup AARList AARMap

Card Control

New Setup

Read/Modify

Prog card

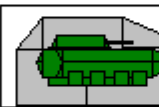
EXCEL log

Application

PGS LAV v1.1

Configuration number 181

Training area 29 Palms DST



Validity

☒ Card total reload

☐ First insert only

☐ New ammo

☐ First insert only

Organization

Commander

Gunner

Unit

Event

ID 1 ☐ ID auto inc.

Main weapon

	Turret	Hull
AP	60	120
HE	150	300

Loadtime [s] 0 60

Coax weapon

	Turret	Hull
7.62	400	1200

Loadtime [s] 0 60

Missile weapon not available

Exercise type

☒ Panel Gunnery

☐ Combat

Tracer

☒ Tracer on

☒ Burst on

Obscuration 1 [s]

Presentation

☒ Audio

☒ Fire result on CP

Firing

☒ Full scale

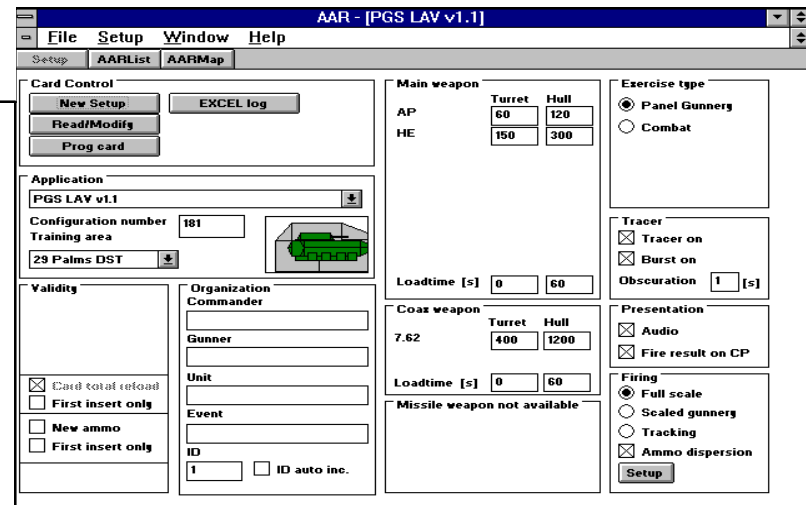
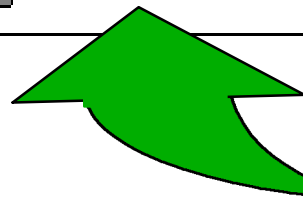
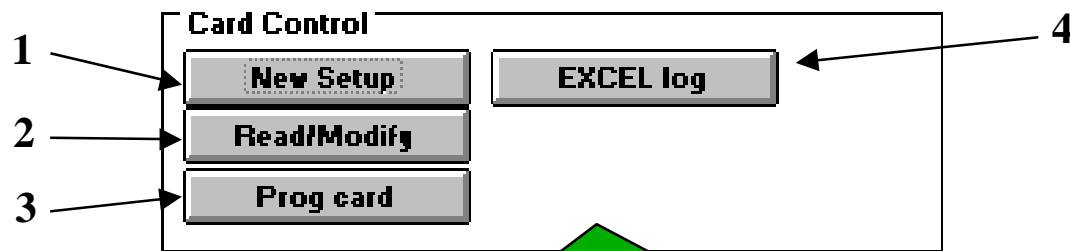
☐ Scaled gunnery

☐ Tracking

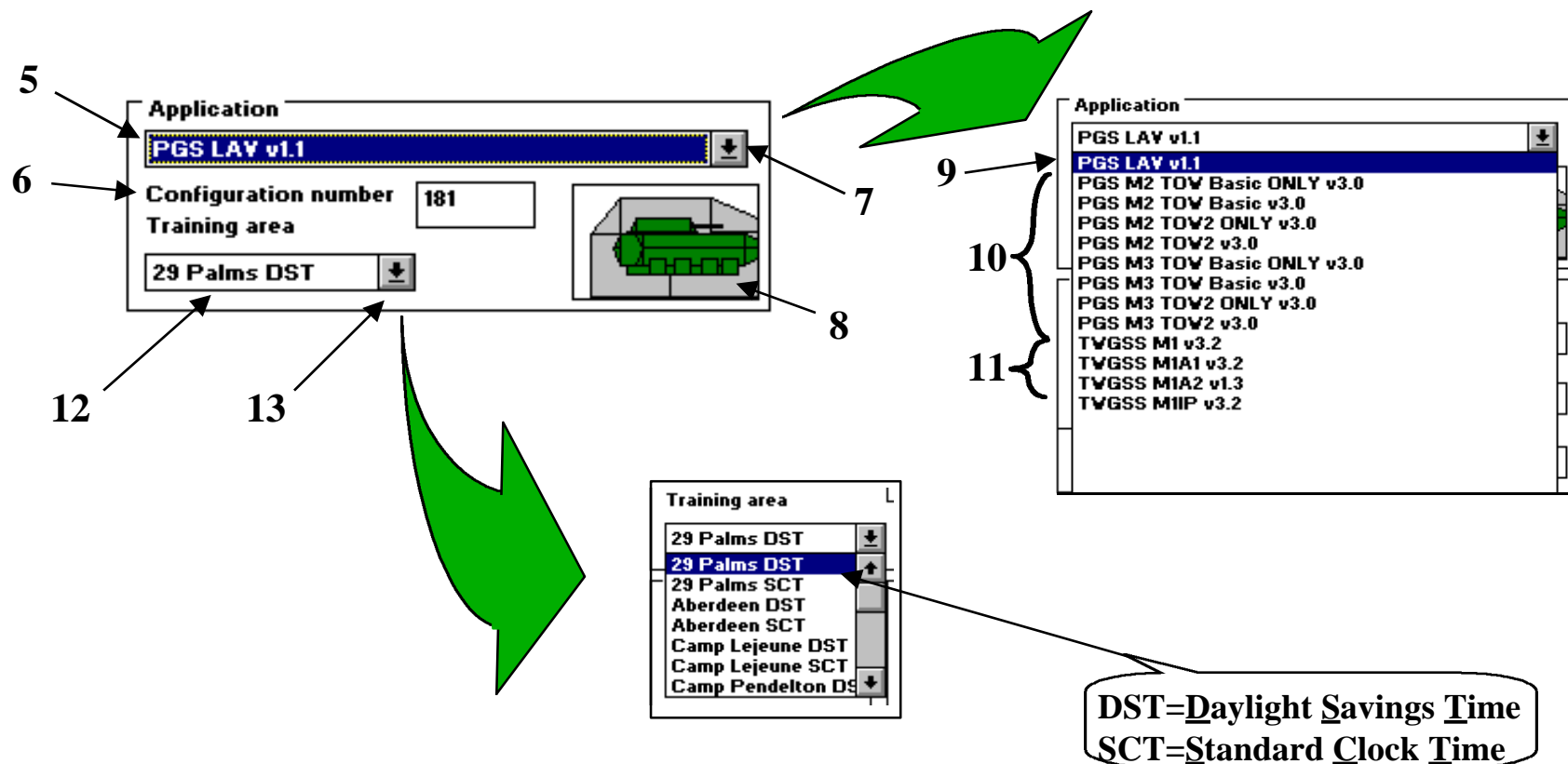
☒ Ammo dispersion

Setup

CARD CONTROL



APPLICATION



VALIDITY

Validity	
14	<input checked="" type="checkbox"/> Card total reload
15	<input checked="" type="checkbox"/> First insert only
16	<input checked="" type="checkbox"/> New ammo
17	<input checked="" type="checkbox"/> First insert only

ORGANIZATION

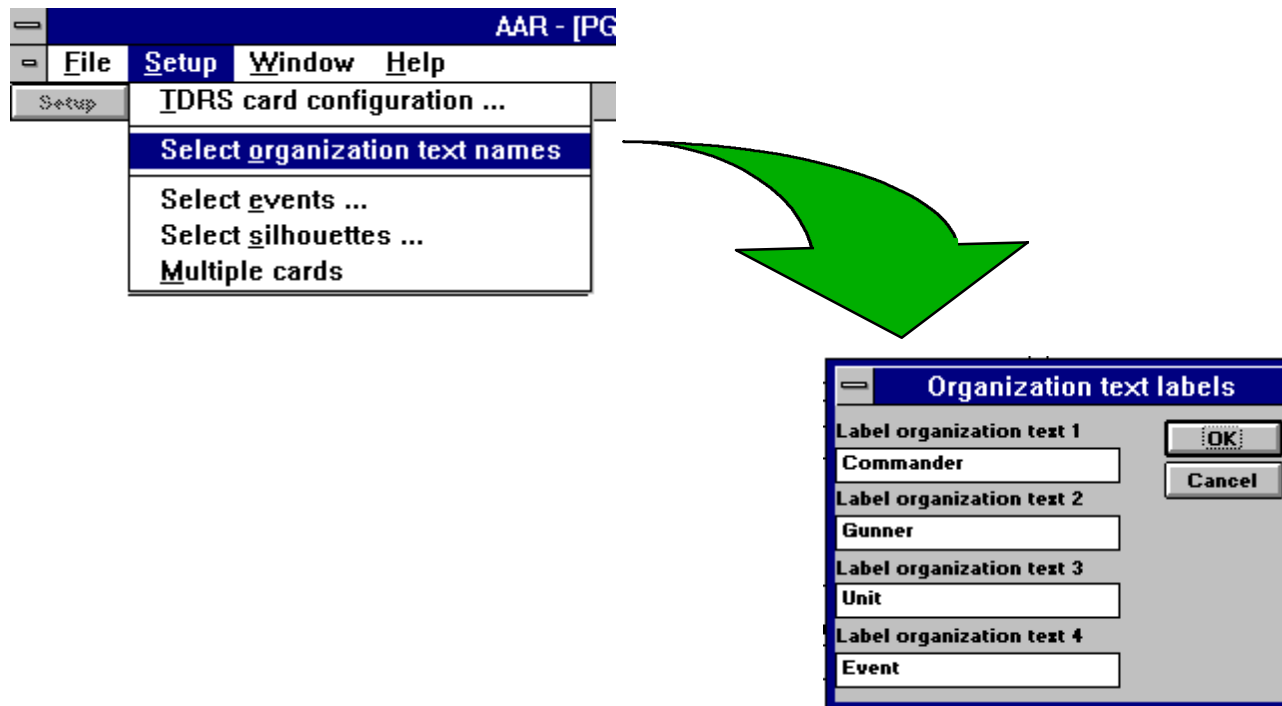
The diagram shows a form titled "Organization" with the following fields and callouts:

- Commander**: A text input field.
- Gunner**: A text input field.
- Unit**: A text input field.
- Event**: A text input field.
- ID**: A section containing a text input field with the value "1" and a checkbox labeled "ID auto inc.".

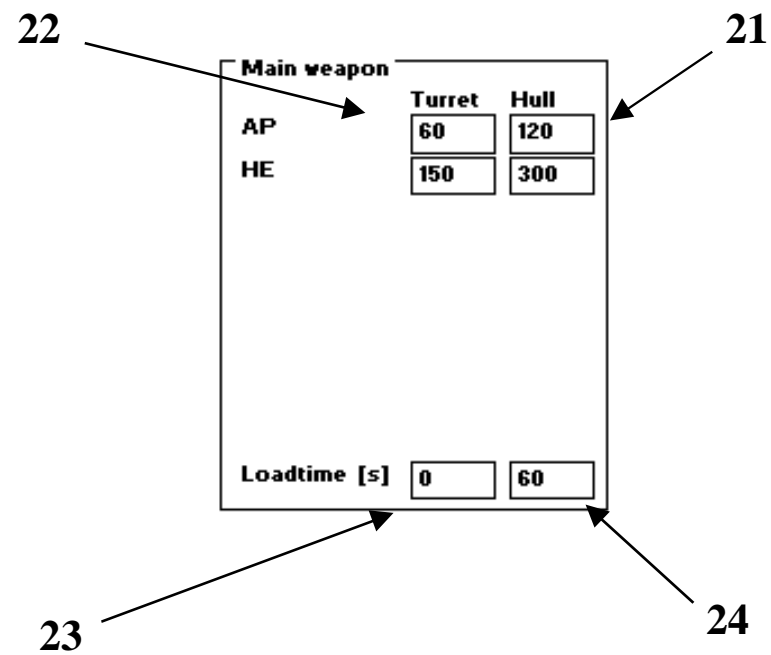
Callouts and annotations:

- 18**: A bracket on the left side of the form, spanning the Commander, Gunner, Unit, and Event fields.
- 19**: An arrow pointing to the ID input field.
- 20**: An arrow pointing to the "ID auto inc." checkbox.

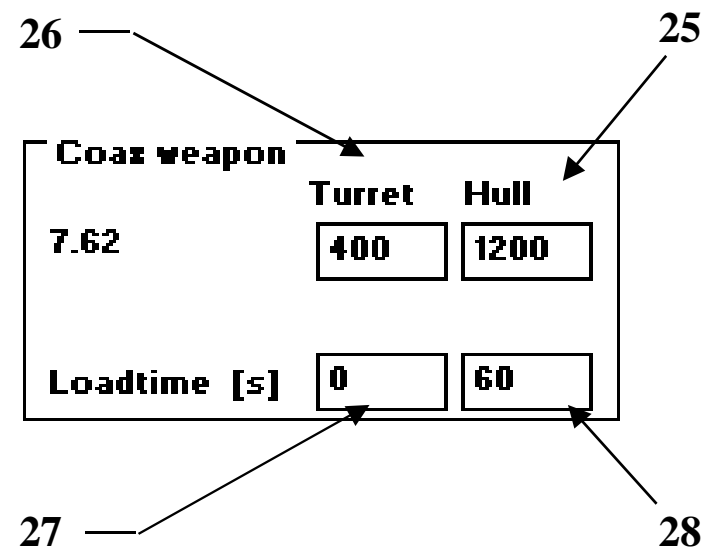
ORGANIZATION TEXT NAMES



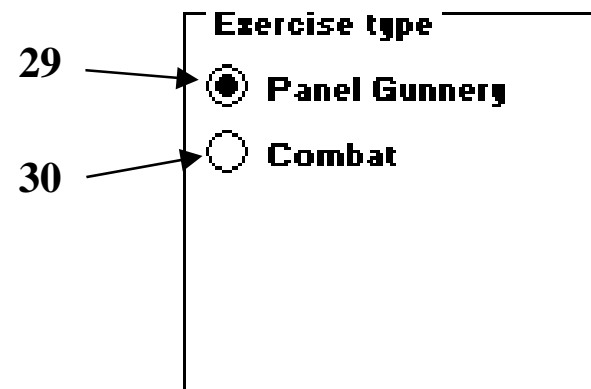
MAIN WEAPON



COAX WEAPON



EXERCISE TYPE



TRACER

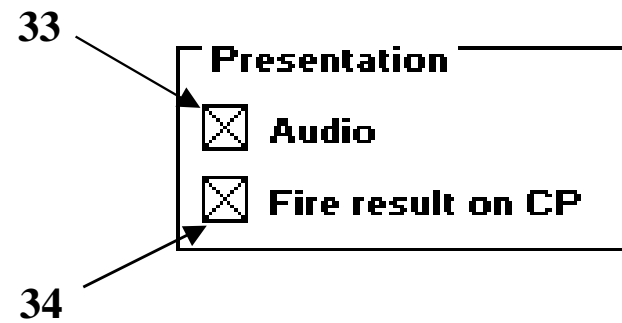
31 →

32 →

Tracer
☒ **Tracer on**
☒ **Burst on**
Obscuration [s]

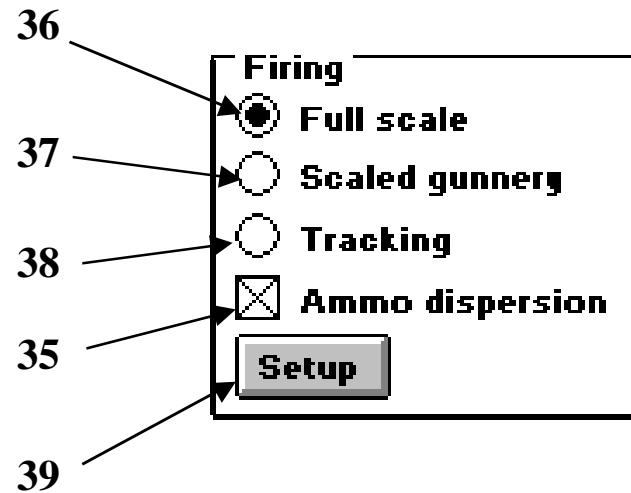
Note. Obscuration is not used for PGS.

PRESENTATION



Note. Audio checkbox must be checked to hear NEAR MISS indication.

FIRING



AMMUNITION DISPERSION PARAMETERS

The following dispersion values are randomly added when the DISPERSION checkbox is checked:

- **Coax: 1.0 mil dispersion**
- **25 mm 0.5 mil dispersion**

SCALE AND TRACKING TRAINING SETUP

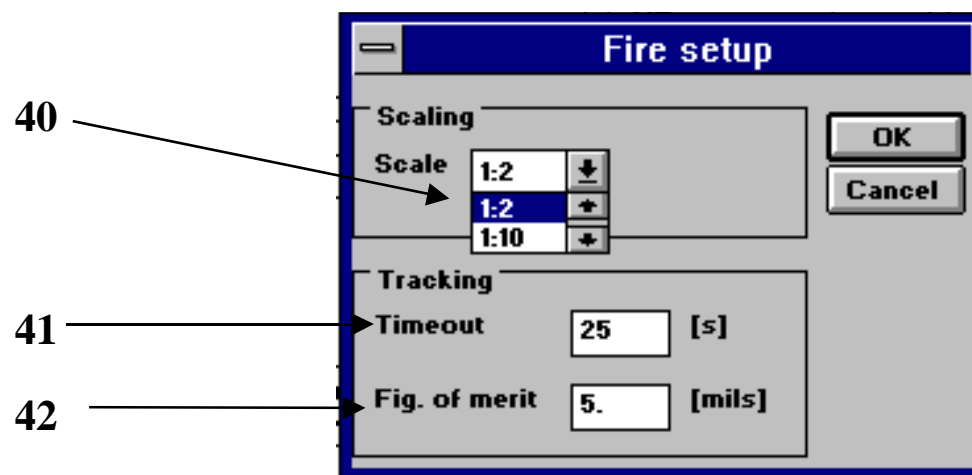
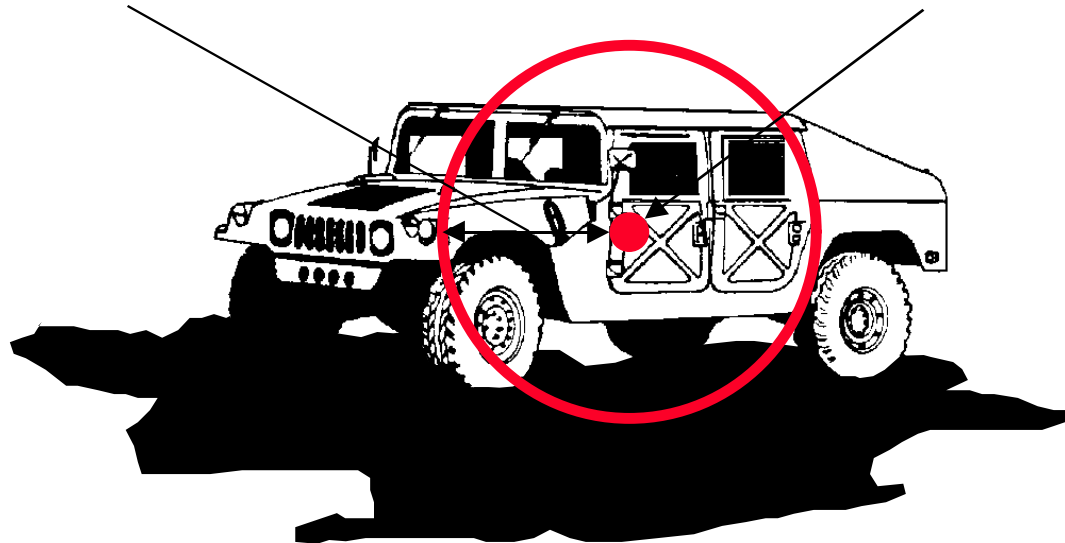


FIGURE OF MERIT

RADIUS SELECTED

CENTER OF MASS OF TARGET



SUMMARY

- **AAR setup program controls and indicators**
- **Panel gunnery (table gunnery) exercise setup**
- **Force-on-force (combat) exercise setup**
- **Scaled gunnery exercise setup**
- **Tracking training exercise setup**

CLOSING STATEMENT

- **This block of instruction has taught you how to properly setup TDRS memory cards for the different types of training exercises.**